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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: GLP-1 ANALOG FUSION PROTEINS

(57) Abstract: The invention provides specific GLP-1 analogs fused to specific IgG4-Fc derivatives. These fusion proteins have an increased half-life, decreased immunogenicity, and reduce effector activity. The fusion proteins are useful in treating diabetes, obesity, irritable bowel syndrome and other conditions that would be benefited by lowering plasma glucose, inhibiting gastric and/or intestinal motility and inhibiting gastric and/or intestinal emptying, or inhibiting food intake.

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